United States Department of Agriculture | Forest Service | Northeastern Area State & Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

File Code: 3400
Date: March 13, 2002

Mr. Donald Thompson
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

Dear Mr. Thompson:

Please make note of the following corrections in the website addresses in the gypsy moth trapping program summary letter dated February 13, 2002. The STS web site should be: http://www.ento.vt.edu/STS/. Please make sure the "STS" in the address is capitalized.

The GM Digest website should be: http//fhpr8.srs.fs.fed.us/wv/gmdigest/gmdigest.html. Please note the addition of the extra "gmdigest" in the address.

I apologize for any inconvenience this may have caused. If you have any questions, please call Karen Felton at (304) 285-1556.

Sincerely,

JOHN W. HAZEL
Field Representative

cc: Noel Schneeberger, AO
Joe Williams, Park Ranger, Alum Creek
Bonnie Maki, Deer Creek Lake
Ben O'Dell, Delaware Lake
Bob Cifranic, Dillon Lake
Janet Lahm, Mohawk Dam, No. Branch Kokosing
Jay Van Hoose, Paint Creek Lake
Bill Pound, OHDA

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United States Department of Agriculture | Forest Service | Northeastern Area State & Private Forestry | 180 Canfield Street Morgantown, WV 26505-3101

File Code: 3400
Date: February 21, 2002

Mr. Donald Thompson
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

Dear Mr. Thompson:

Summaries of the 1983-2001 gypsy moth program conducted at seven Army Corps of Engineers sites within the Huntington District are enclosed for your information (Table 1). Also enclosed are maps showing the trap locations at these sites (Figures 1a-1g). The purpose of the trapping program is to monitor low-level gypsy moth populations and help determine when more intensive survey methods should be employed.

Figure 2 shows the changes in the gypsy moth distribution in Ohio for the 2000 and 2001 gypsy moth Slow-the- Spread (STS) Project trapping program. Figures 3a-3g show the 2001 STS trapping results in the vicinity of each Corps project. Please visit the STS web site at http://www.ento.vt.edu/sts/ for more information regarding this STS Project.

Trap totals at Alum Creek and Delaware Lake increased significantly in 2001, but are still at a low level. The average numbers of male gypsy moths caught per trap at Alum Creek and Delaware Lake were 6 and 5, respectively. At the county level, the STS results are similar.

Dillon Lake trapped fewer moths this past trapping season than in 2000. The STS program results also indicate a slight decrease in moths trapped at the county level. However, in the immediate vicinity of Dillon Lake, the STS program trapped more moths per trap than Dillon Lake.

Trap results in 2001 at Deer Creek Lake decreased by 1 moth. Results at Paint Creek Lake decreased by 3 moths. These results are consistent with the STS program.

Mohawk Dam trapped 98 male moths in 2001. North Branch of the Kokosing River Lake trapped 59 male moths in 2001. Both of these sites are no longer in the area of the STS Project, meaning this area is located on the edge of what is now considered the generally infested area.

Based on the results of the trapping program at each Corps site, gypsy moth populations will not have an impact on the forest resources at these sites in the immediate future.

It is important for Corps personnel at all of these sites to continue looking for other gypsy moth life stages such as larvae, pupae and/or egg masses while performing their normal duties.

Please visit our GM Digest web page at http://fhpr8.srs.fs.fed.us/wv/gmdigest.html for publications that can be helpful with the identification of these life stages, as well as a good resource for general gypsy moth information.

We would like to continue the trapping program at the same intensity at all of these Corps sites in 2002. Thank you for your continued cooperation and if you have any questions regarding these results, please call Karen Felton at (304) 285-1556.

Sincerely,

JOHN W. HAZEL
Field Representative
Morgantown Field Office

Enclosures

cc: Noel Schneeberger, AO
Joe Williams, Park Ranger, Alum Creek
Bonnie Maki, Deer Creek Lake
Ben O'Dell, Delaware Lake
Bob Cifranic, Dillon Lake
Janet Lahm, Mohawk Dam, No. Branch Kokosing
Jay Van Hoose, Paint Creek Lake
Bill Pound, OHDA

JWH/KDF/blm

Table 1.—Summary of the 1983-2001 gypsy moth trapping results, Huntington District, U.S. Army Corps of Engineers.

Alum Creek (Delaware County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	18	0	- -
1986	15	1	9
1987	15	0	- -
1988	15	0	- -
1989	15	0	- -
1990	15	4	2, 3, 11, 15
1991	15	2	7, 10
1992	15	7	1, 2, 4, 6, 7, 11
1993	15	12	All except 1, 2, 7, 9, 12, 13
1994	15	3	3, 12
1995	13	3	1, 5, 7
1996	15	1	14
1997	15	14	1-4, 8-13
1998	15	10	2, 3, 8-11, 15
1999	15	36	1, 2, 4, 5, 7, 9-11, 13, 14
2000	15	21	2, 6-10, 12,13
2001	15	78	- -

Deer Creek Lake (Fayette and Pickaway Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	13	0	- -
1986	15	0	- -
1987	15	0	- -
1988	15	0	- -
1989	15	1	15
1990	15	0	- -
1991	15	0	- -
1992	15	3	6, 7, 13
1993	15	3	1, 6
1994	15	0	- -
1995	18	0	- -
1996	18	1	10
1997	20	6	1, 2, 10, 16
1998	15	1	13
1999	14	1	1
2000	15	4	12
2001	15	3	- -

Delaware Lake (Delaware County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	18	0	- -
1986	15	0	- -
1987	15	0	- -
1988	12	0	- -
1989	12	0	- -
1990	12	0	- -
1991	10	0	- -
1992	10	1	9
1993			No traps deployed
1994	12	0	- -
1995	15	3	4, 12, 13
1996	15	1	14
1997	15	45	2-5, 7-13, 15
1998	15	3	2, 7, 13
1999	15	74	All
2000	15	9	1, 2, 6, 9, 11, 12,13
2001	15	68	- -

Dillon Lake (Muskingum County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	15	0	- -
1985	15	0	- -
1986	15	4	4, 11
1987	15	0	- -
1988	16	0	- -
1989	16	9	2, 6, 8, 11-13,15
1990	16	0	- -
1991	16	11	4-6, 8, 9, 11, 13, 14, 16
1992	16	31	All except 4, 7, 8, 16
1993	3	6	17, 18
1994	16	15	2, 5, 6, 12, 13, 14, 15
1995	- -	- -	Traps not deployed
1996	14	21	1, 3, 7, 8, 11-13
1997	15	27	1, 2, 5, 8, 10-12, 15
1998	14	141	All except 11
1999	15	224	All
2000	15	241	All
2001	15	208	- -

Mohawk Dam (Coshocton County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	10	0	- -
1984	12	0	- -
1985	10	0	- -
1986	10	0	- -
1987	8	1	3
1988	9	0	- -
1989	9	2	5,7
1990	9	9	1, 2, 4, 5, 9
1991	9	3	4, 6, 8
1992	9	29	All except 4
1993	9	89	All
1994	9	29	1, 2, 5, 6, 7, 8
1995	13	168	All
1996	15	223	All
1997			Traps not deployed
1998	4	66	Campsite 9, 29, 22 and entrance
1999	6	14	All but 2 traps/Traps not numbered
2000			No data
2001	10	98	- -

North Branch Kokosing River (Know County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	10	0	- -
1984			Traps not deployed
1985	13	1	8
1986	10	0	- -
1987	8	0	- -
1988	9	0	- -
1989	9	0	- -
1990	9	0	- -
1991	9	0	- -
1992	9	2	4, 5
1993	9	1	3
1994	9	0	- -
1995	15	2	10, 13
1996	11	12	1, 2, 4, 5, 11, 13, 15
1997			Traps not deployed
1998	6	7	1, 2, 3
1999	15	193	All, traps not numbered
2000			No data
2001	10	59	- -

Paint Creek Lake (Highland and Ross Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	- -
1984	10	0	- -
1985	10	0	- -
1986	12	3	2
1987	12	0	- -
1988	10	0	- -
1989	10	6	5, 7, 8, 9
1990			No Data
1991	10	0	- -
1992	12	0	- -
1993	14	0	- -
1994	13	6	3, 4, 12, 13
1995	14	15	3, 4, 10-13
1996	13	10	3, 4, 8, 9, 11,1 3
1997	14	21	2, 7-13
1998			No data
1999	15	8	3-5, 8, 11, 13
2000	13	8	2, 3, 7, 8, 10-12
2001	13	5	- -

Figure 1a.--2001 gypsy moth trap locations at Alum Creek Lake.

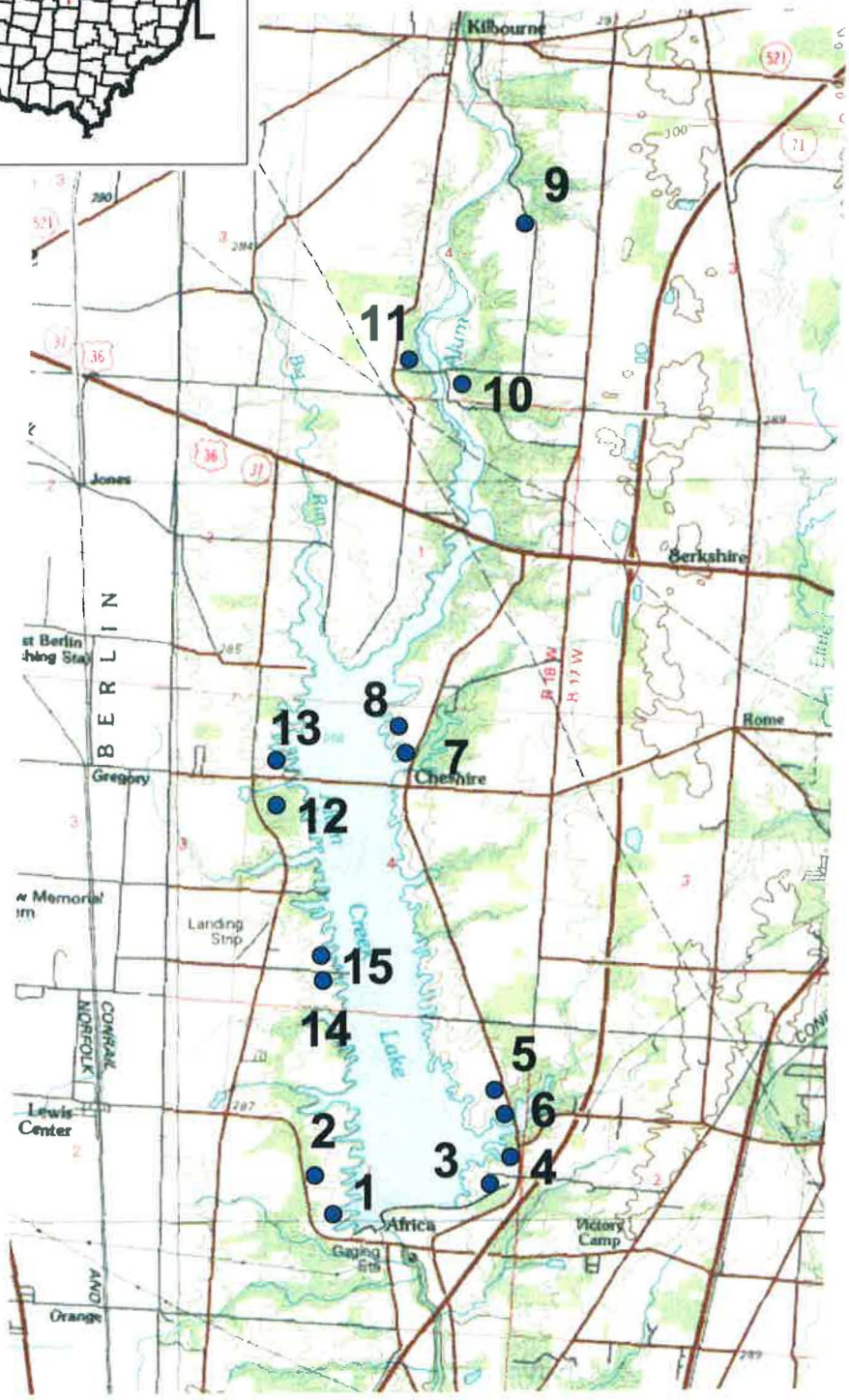

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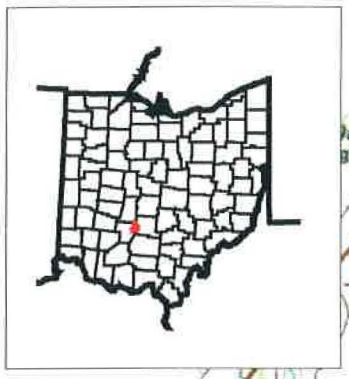
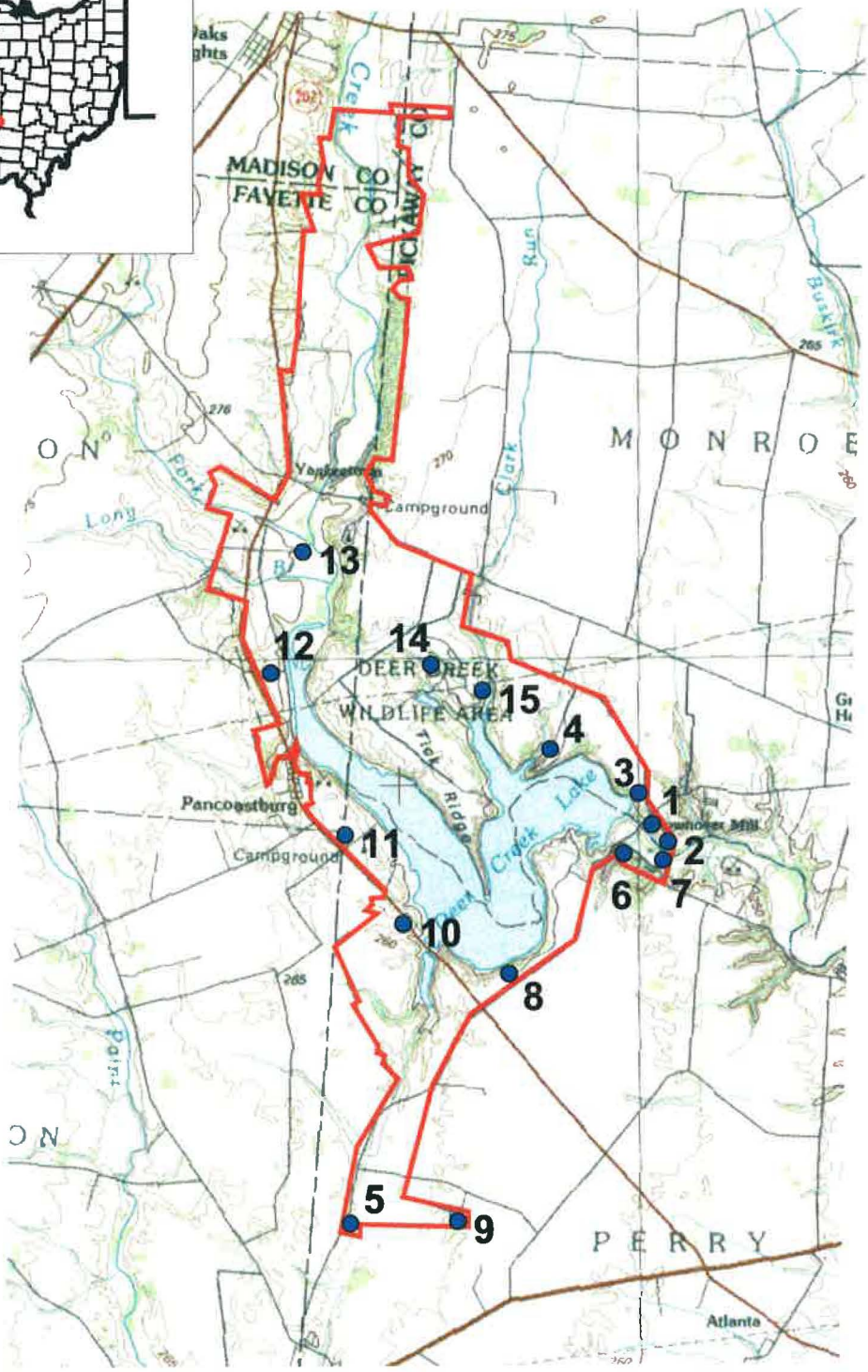
Figure 1b.--2001 gypsy moth trap locations at Deer Creek lake.





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2/02 KDF

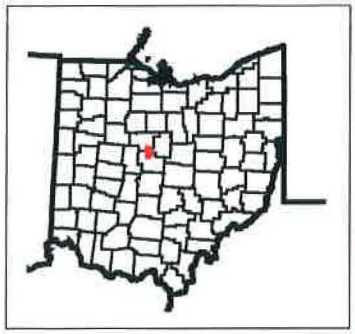

Figure 1c.--2001 gypsy moth trap locations at Delaware Lake.

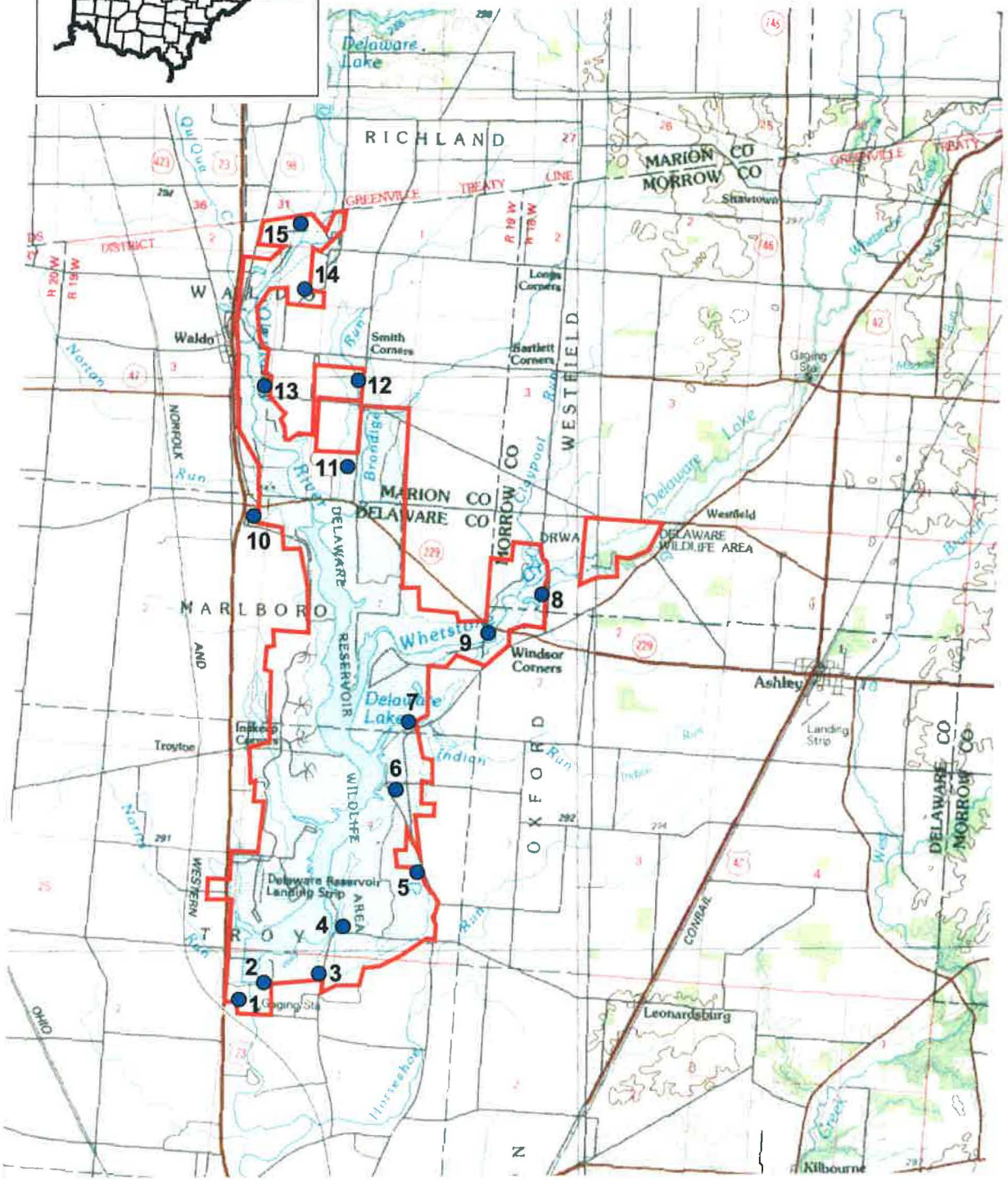

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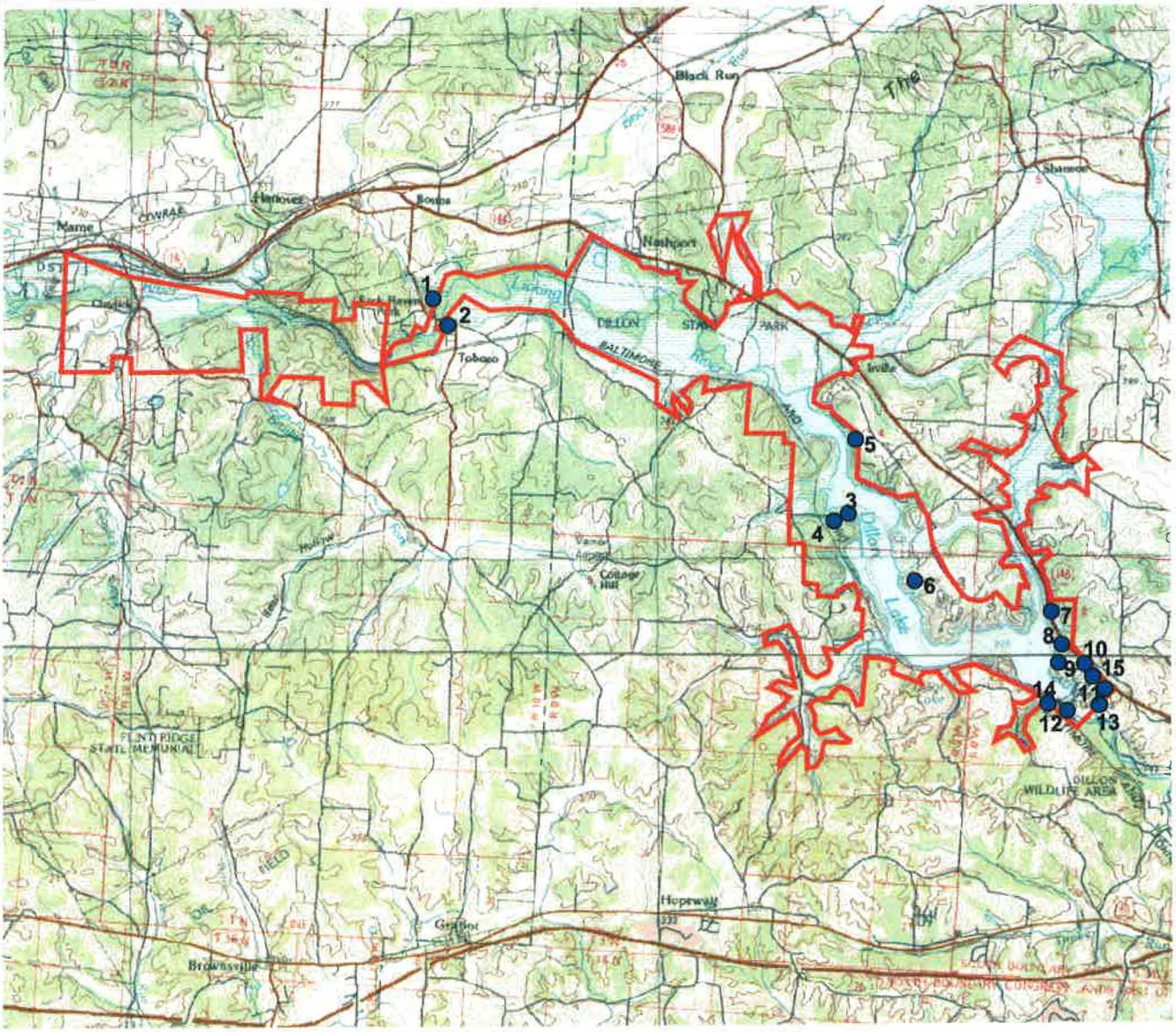
Figure 1d.--2001 gypsy moth trap locations at Dillon Lake.



1 0 1 2 Miles

Trap locations

Approximate Project boundary

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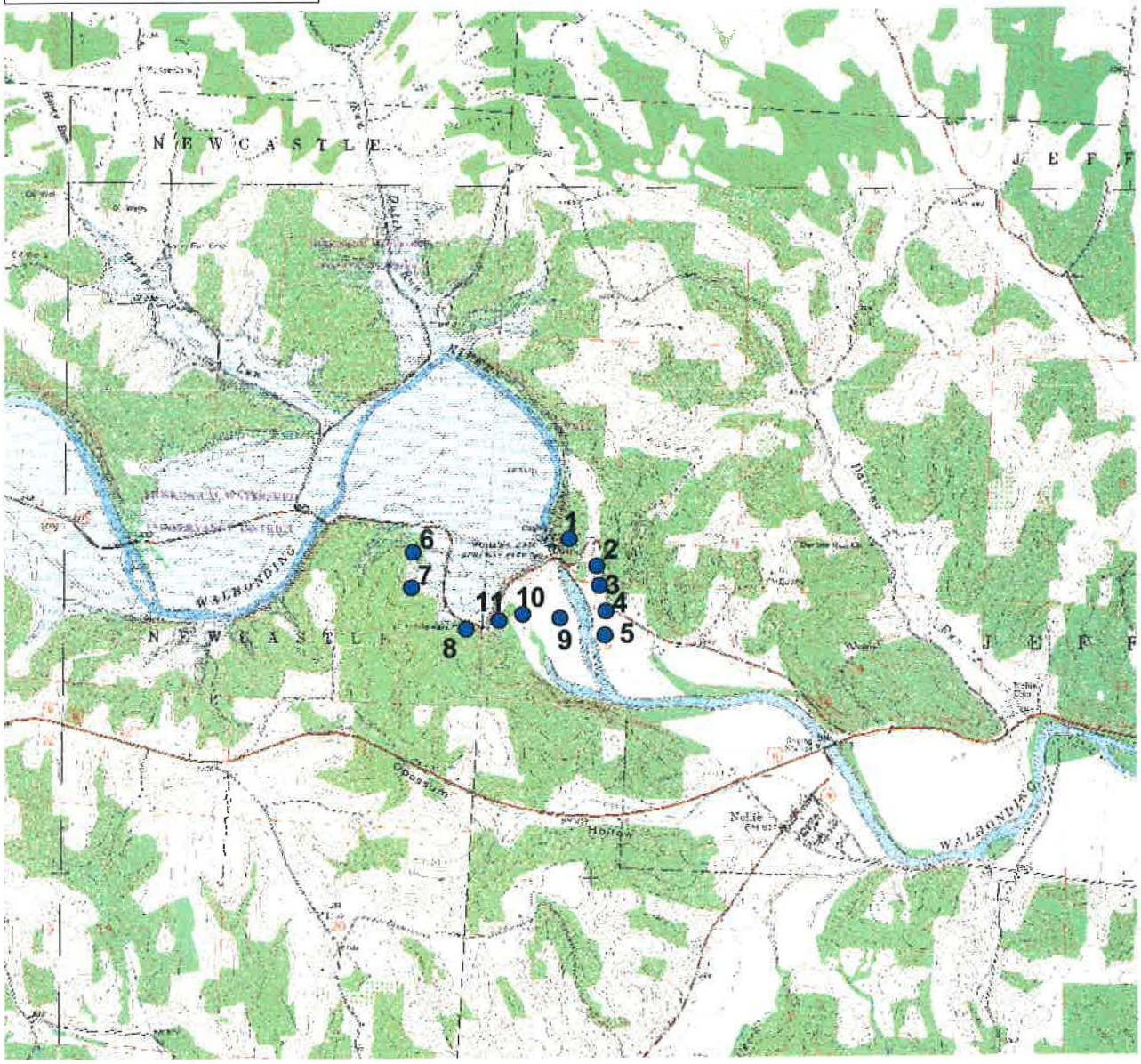
Figure 1e.--2001 gypsy moth trap locations at Mohawk Dam.



0.5 0 0.5 1 Miles

Trap locations

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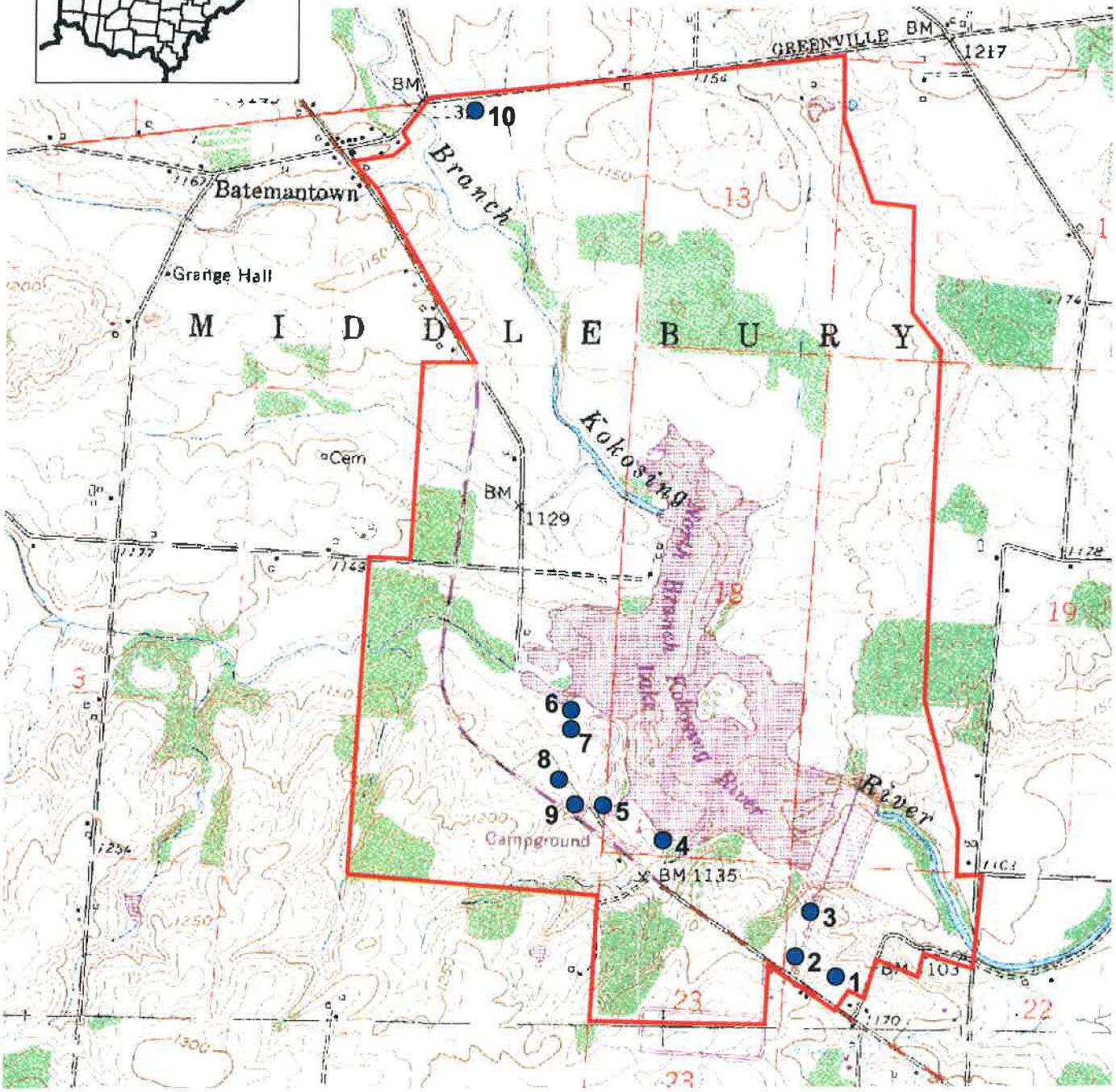
2/02 KDF

Figure 1f.--2001 gypsy moth trap locations at North Branch of Kokosing River Lake.



0.2 0 0.2 0.4 Miles

Trap locations

Approximate Project boundary

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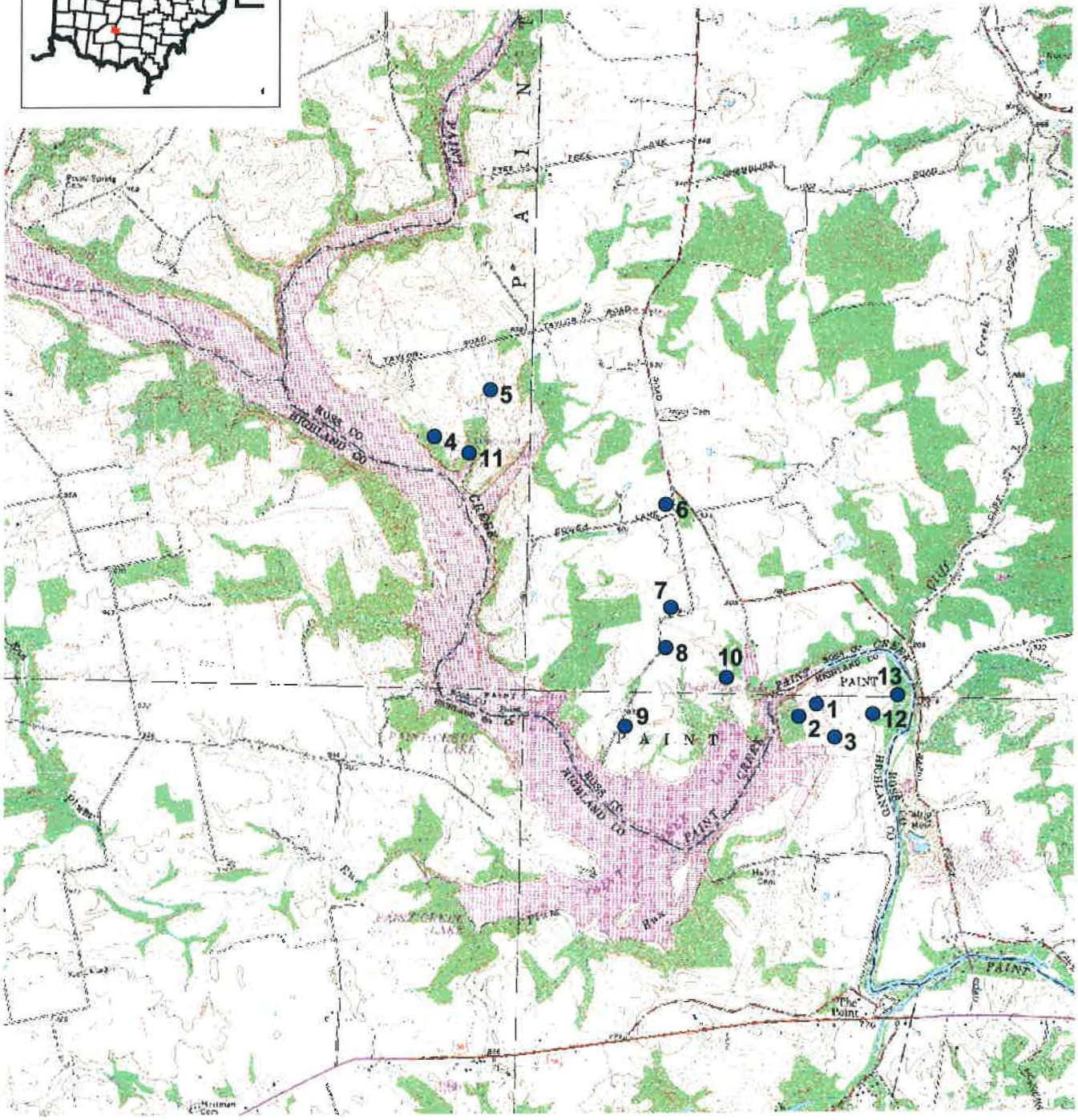
Figure 1g.--2001 gypsy moth trap locations at Paint Creek Lake.



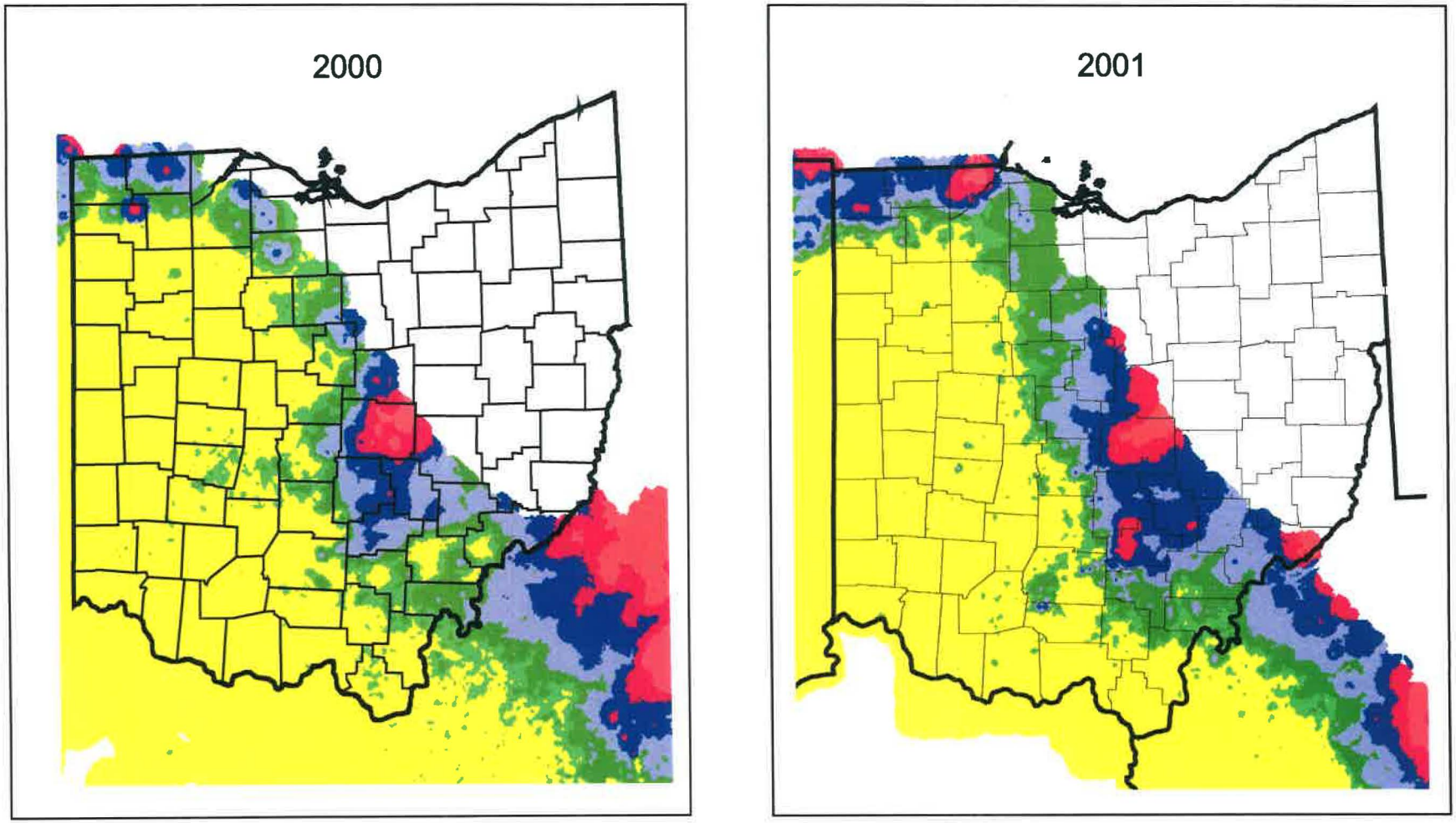
0.4 0 0.4 0.8 Miles

Trap locations

USDA Forest Service, State & Private Forestry, Morgantown, WV

2/02 KDF

Figure 2.--2000 and 2001 gypsy moth Slow-the-Spread trapping activites showing the change in the gypsy moth distribution in Ohio.



LEGEND

Moth counts in traps

- < 1 moth
- 1-3 moths
- 4-10 moths
- 11-30 moths
- 31-100 moths
- 101-300 moths
- + 300 moths

- Counties
- State boundaries

Source:
Virgina Gypsy Moth
Information Systems Lab
Virginia Tech
Blacksburg, VA

http://www.ento.vt.edu/STS/

2/01 KDF

Figure 3a.--2001 Slow-the-Spread trapping results in the proximity of Alum Creek Lake.

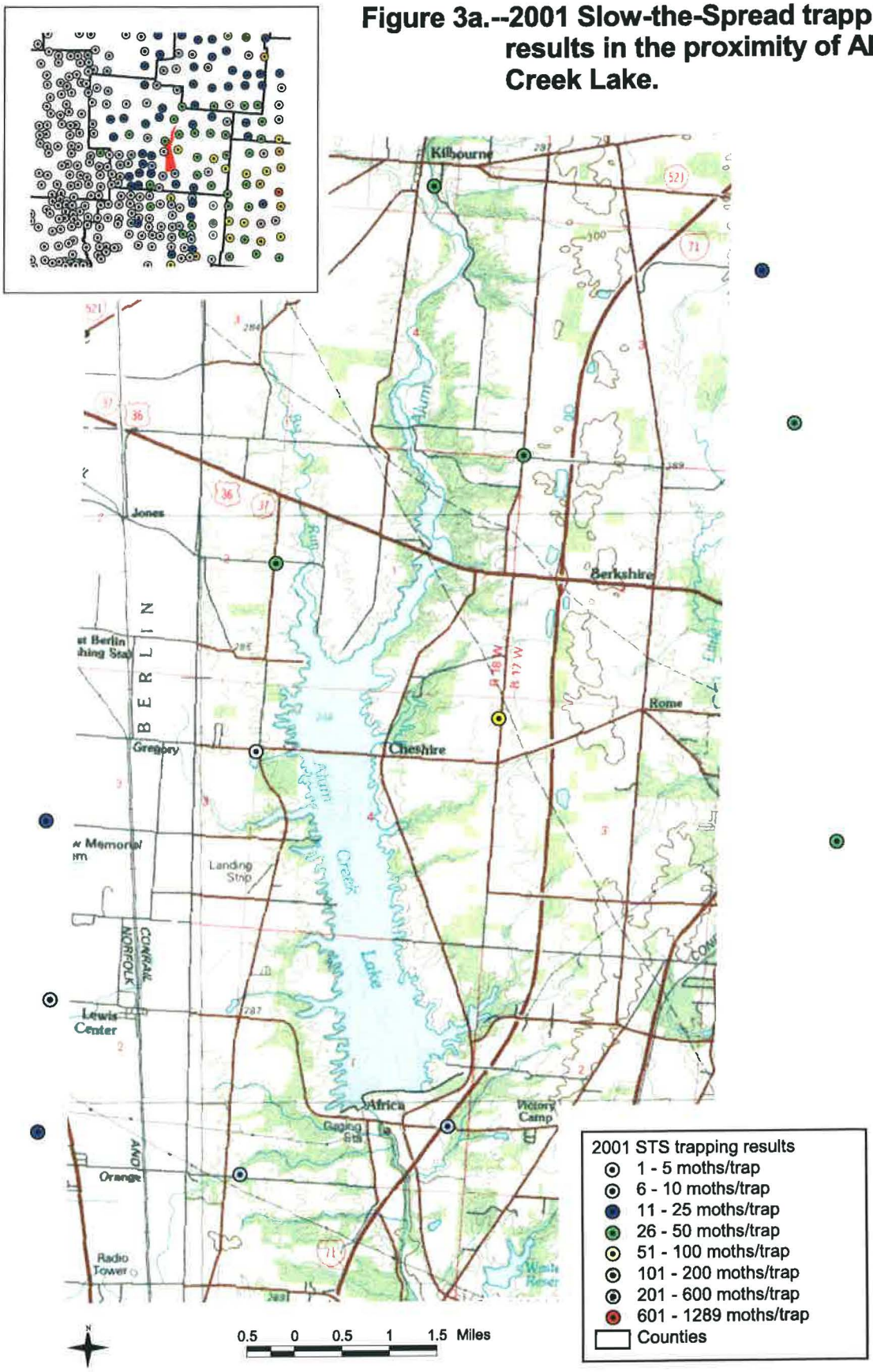


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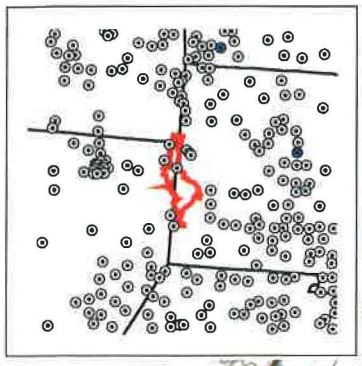
Figure 3b.--2001 Slow-the-Spread trapping results in the proximity of Deer Creek Lake.



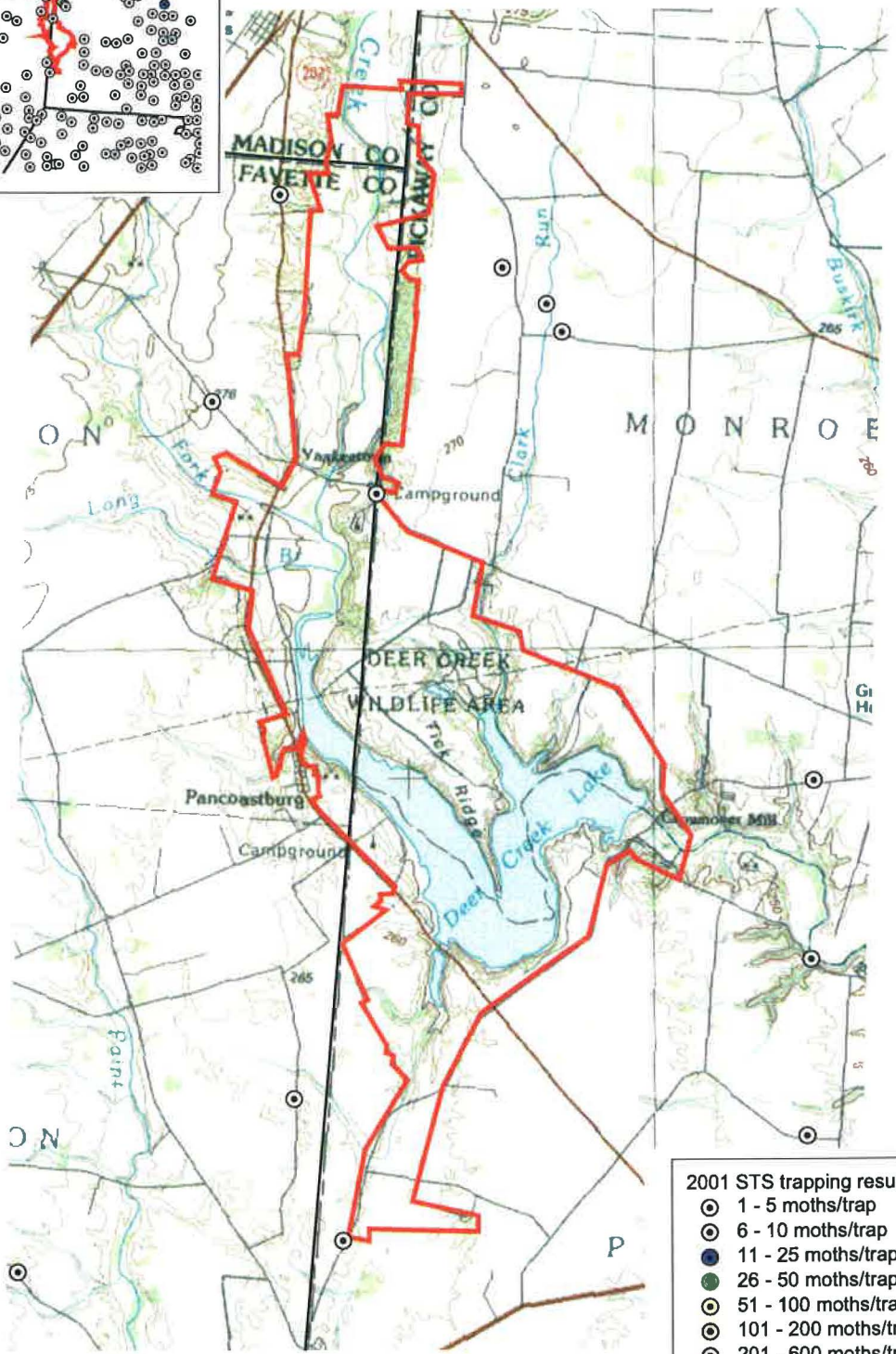


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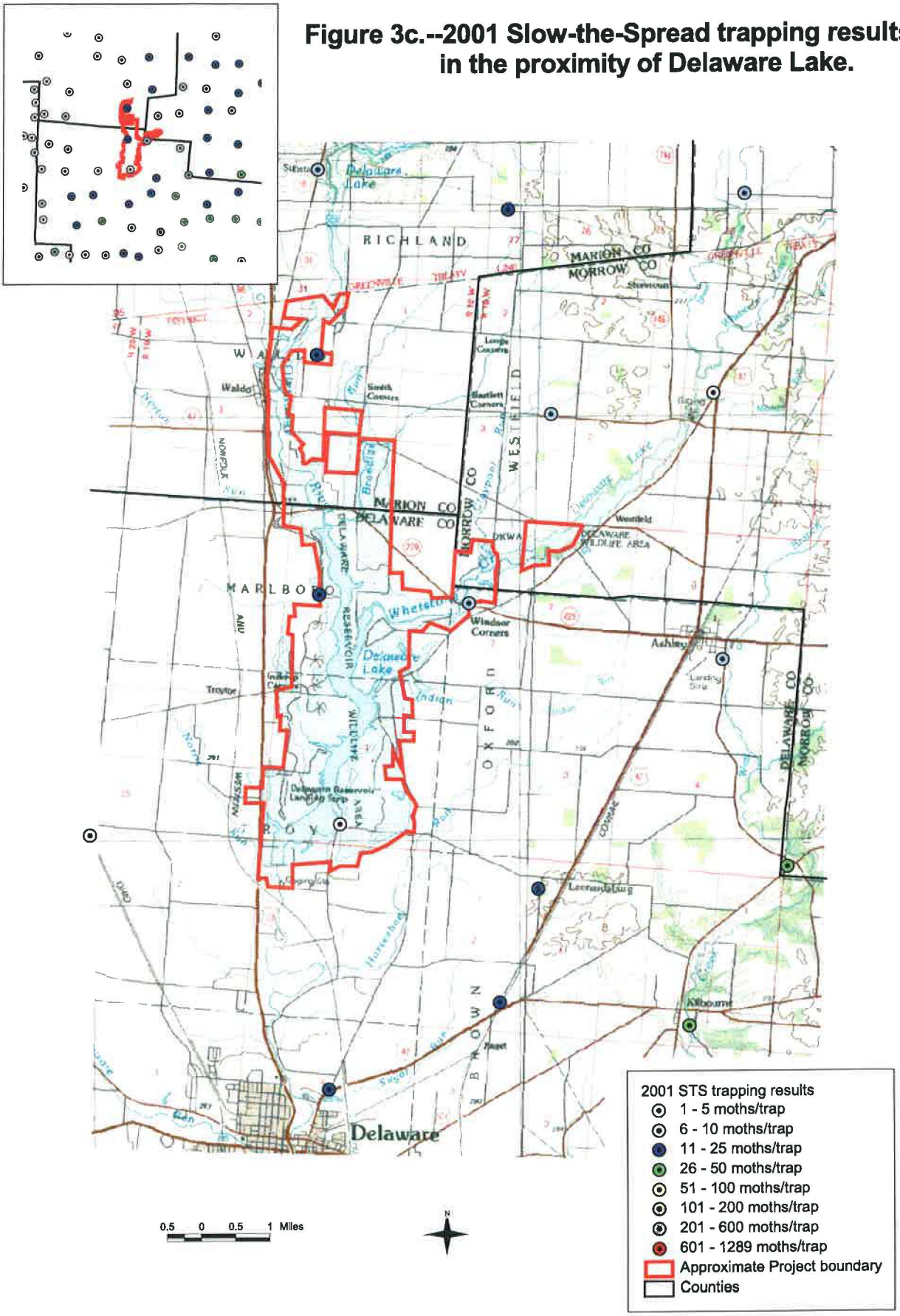
Figure 3c.--2001 Slow-the-Spread trapping results in the proximity of Delaware Lake.



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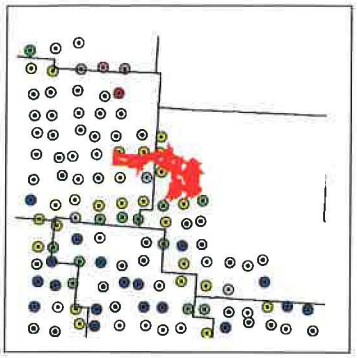
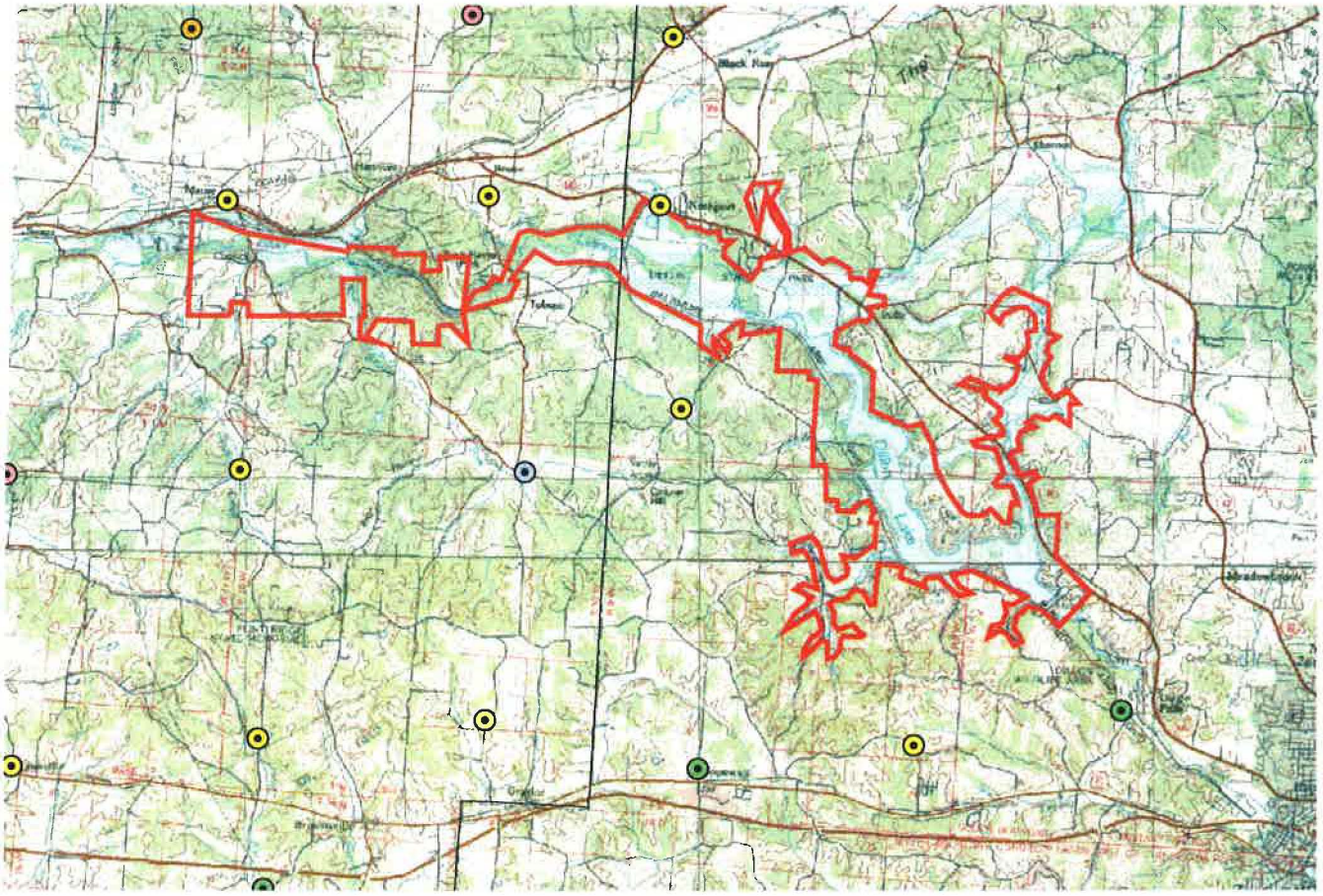


Figure 3d.--2001 Slow-the Spread trapping results in the proximity of Dillon Lake.



1 0 1 2 Miles

N

2001 STS trapping results

- 1 - 5 moths/trap
- 6 - 10 moths/trap
- 11 - 25 moths/trap
- 26 - 50 moths/trap
- 51 - 100 moths/trap
- 101 - 200 moths/trap
- 201 - 600 moths/trap
- 601 - 1289 moths/trap
- Approximate Project boundary
- Counties

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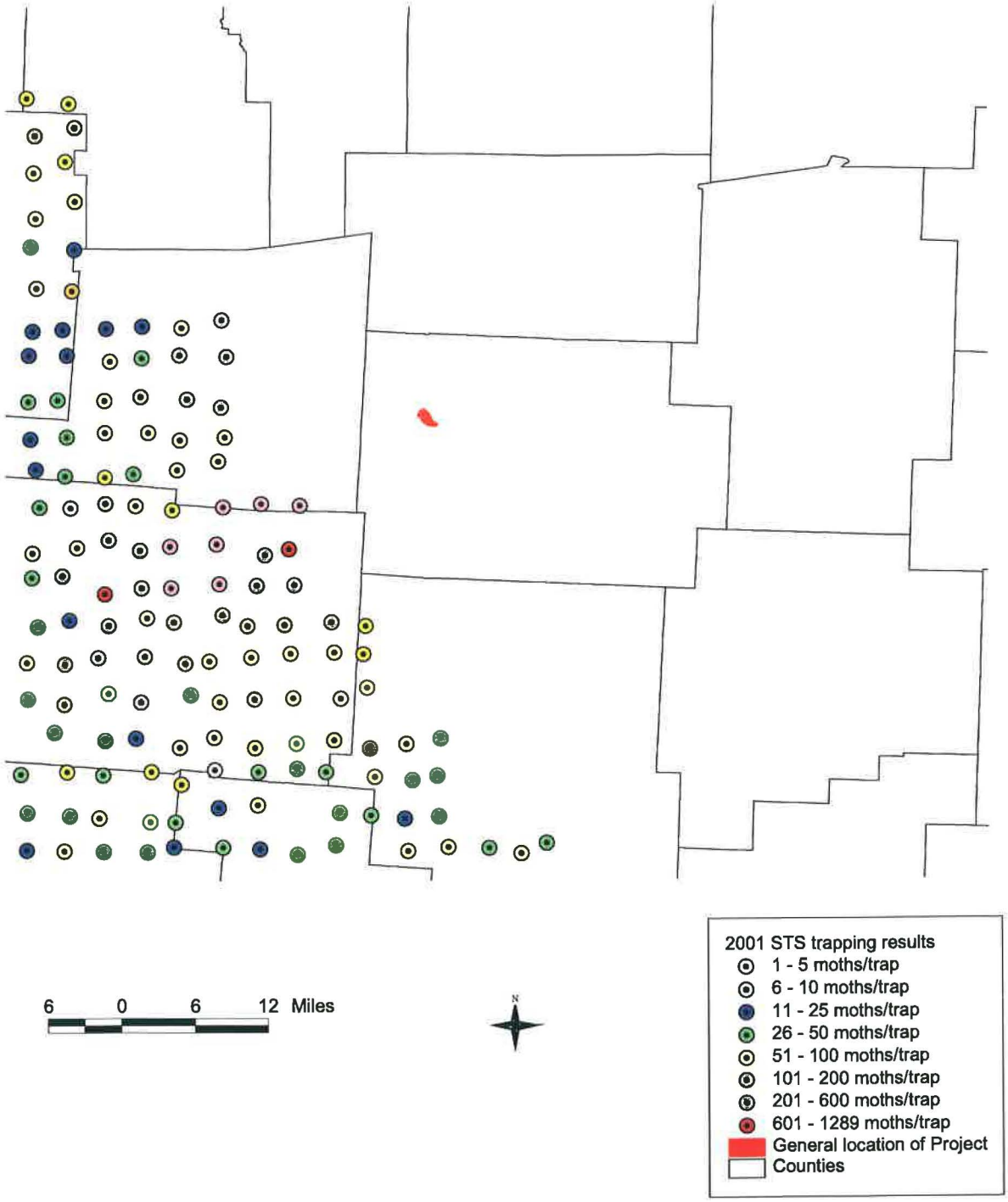
Figure 3e.--2001 Slow-the-Spread trapping results located west of Mohawk Dam.



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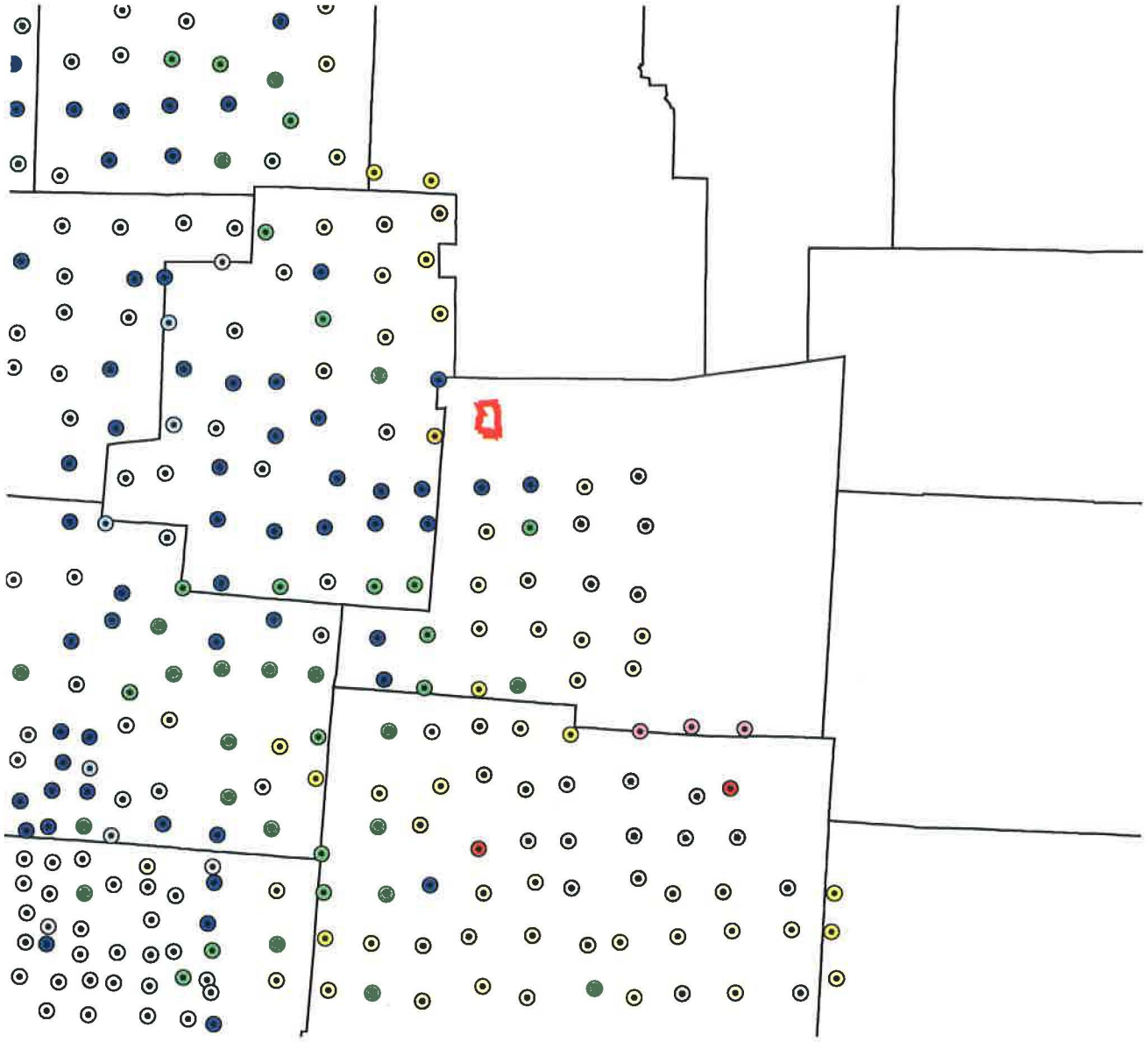
2/02 KDF

Figure 3f.--2001 Slow-the-Spread trapping results located near North Branch of Kokosing River Lake.



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2/02 KDF

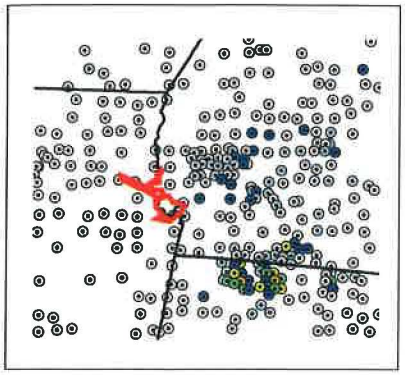
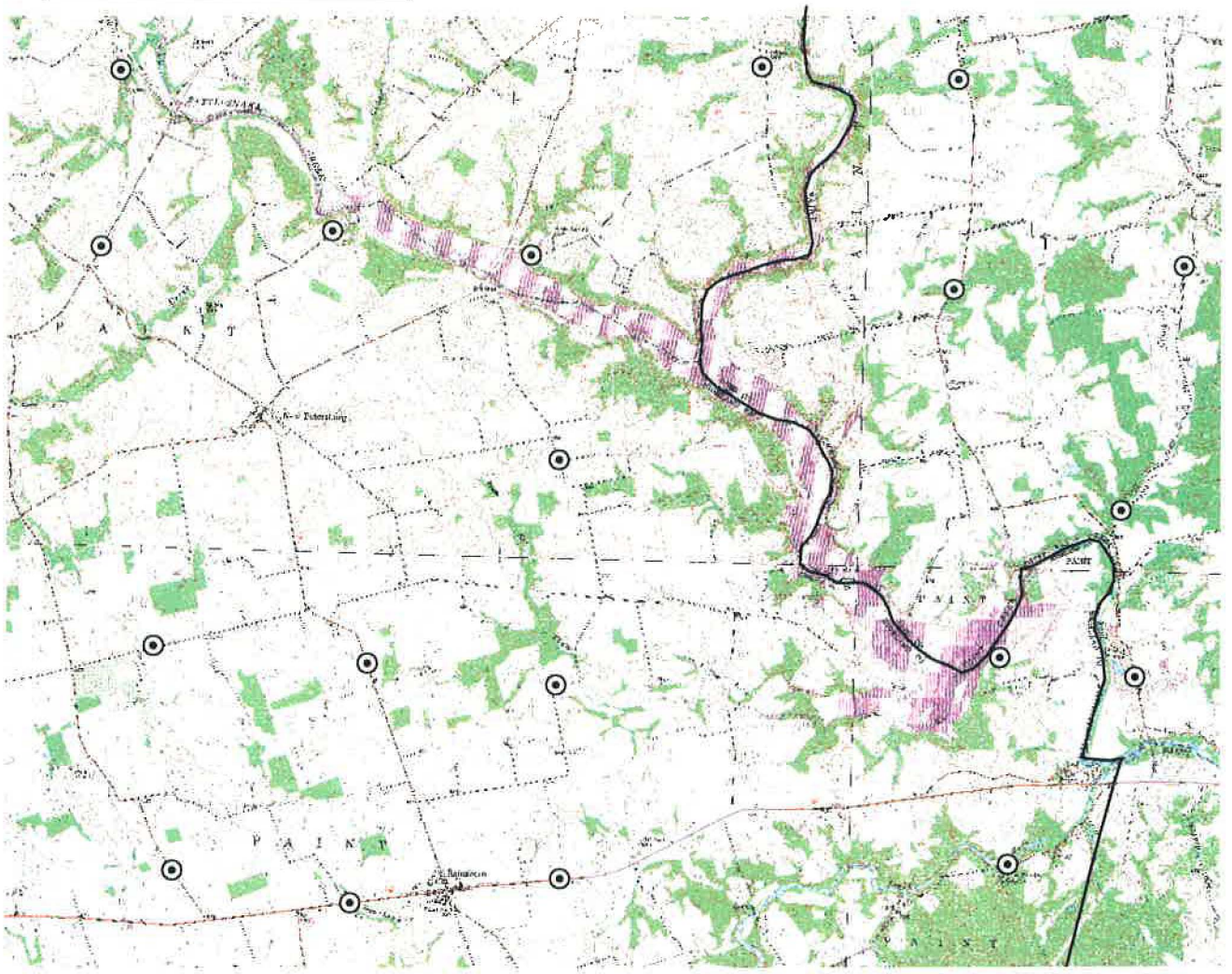


Figure 3g.--2001 Slow-the-Spread trapping results in the proximity of Paint Creek Lake.



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